

FIGURE 1

FIGURE 2

AAAAUCUGGA AAUGUAACUU CUUAUUUCUG GUUGGCCACA UACAUCAACC AUAUUAUUGA  
 AGACCAACAAG CAACAUAGAA AGUGGAAUCC AGUAGCAACA ACAGAGCAAC AAGGCGACC  
 AAGAUUUUU CCCUCCUUAU GCUCCUUGCU CUUUCUGCAU GUGUUGCUAA CGCGACAAU  
 UUUCCUCAU GCUCACAAGC UCCUAUAGCU UCCCUUCUUC CCCCAUACCU UCCAUCAUG  
 AUAGCUUCAG UAUGUGAAAA CCCAGCUCUU CAGCCCUAUA GGCUCCAACA AGCAAUCGCA  
 GCAAGCAACA UACCUUUAUC ACCCUUGUUG UUCAACAAU CGCCAGCCCU AUCUUUGGUG  
 CAGUCAUUGG UACAAACCAU CAGGGCACAG CAGCUGCAGC AACUCGUGCU ACCUGUGAUC  
 AACCAAGUAG CUCUGGCAAA CCUUUCUCCC UACUCUCAGC AACAACAAU UCUUCCAUC  
 AACCAACUGU CUACACUGAA CCCUGCUGCU UAUUUGCAGC AACAACUAAU ACCAUUCAGC  
 CAGCUAGCUA CUGCCUACUC UCAGCAACAA CAACUUCUUC CAUUUAACCA AUUGGCCGCA  
 CUGAACCCCG CUGCUUAUUU GCAGCAGCAA AUACUACUAC CAUUUAGCCA GCUAGCUGCA  
 GCAAACCGUG CUUCCUUCUU GACACAGCAA CAGUUGCUGC CUUUCUACCA GCAGUUUGCG  
 GCUAACCCCG CAACCCUCUU ACAACUACAA CAAUUGUUGC CCUUUGUCCA ACUUGC UUUG  
 ACAGACCCAG CGGCCUCCUA CCAACAACAC AUCAUUGGUG GUGCCCUCUU UUGAUUGCU  
 UAUUAGUUGU AAUUCAAUAA UAAAGUUUUU UGGAUGAUGU AUGUCCCAA CCAGAAUAA

FIGURE 3

CGAGTGATTC TTAAACCGA TTATTACACA AGTTAACCAC ACTAAAATTA ACATTGGTGA  
 GCTCACTAAG AAATTTGGCT AATAATGTGT TCAATTGGTG TGATTTTAAT TGTAACCACT  
 ATCGTGCCAT GATTTTTTTC TAGTGCAAAA TAGCCAAACC AAGCAAAACA TATGTGGCTA  
 TAGCACGGTA CTAAAAAAG ATCACGTTTT ATCGGTTTGG TTCGTTTTGT ATACACCGAT  
 TCGTTACACA TGTGTAAAGG TATTGCATCA CACCATTGTC ACCCATGTAT TTGGACAATA  
 AGCAATGTGT ACACATTTCC ATAACGTAGT GTGGTAACAG TGGGTACATA AACCTGTTAT  
 CCGAGAGGAA AAACCACTTA TTTATTGTAT TTTATCAAGT TTATCTTGCT TACGTATAAA  
 GGCTCTCCTT TTTGGTGAAT AAATAACATA AAATAGTTCA AATAGAACGA ATGCATATTT  
 TTATAACCCA ACAAAGTAAT CACTAAATGT CAAAACCAAC TAGATACCAT GTCATCTCTA  
 AATATTGGGT TGTTCATTA GTGATTTACA GTTTTGGTTG ATCTATGGTA CAGTAGAGAT  
 CCTTATCTTA CTAATATTCT TTTTGCAAAA TCGAAAATTA ATCTTGCACA AGCACAAGGA  
 GGAATAGAAT GATTATAAGA AAAACGTTTT AGCTTTTAAT TAGAACGTGT TCGTGTTCCCT  
 CTGAGATGTG TATAAATATC TCTTAGATTA GTAGATAATA TATCGCACAT ATTATTGAGA  
 GACTCTACAC ATATTTATAG AGAATCTAAT CATCTATTAT ATAGCGTGTA TAATAACTCT  
 CCAACTAGCA ACATAGAAAG CACAATATTG TACCAATAAT GGCAGCCAAA ATATTTTGCC  
 GGTTGATCGT TGTATCTTTC GTGTTATAAC ATGGTTATTA CCGTCGGTTT TATAAACCG  
 TCATTATGCT CCTTGGTCTT TCTGCAAGTG CTGCTACGGC GAGCATTTTC CCGCAATGCT  
 AGTAATACGA GGAACCAGAA AGACGTTTAC GACGATGCCG CTCGTAAAAG GCGGTTACGA  
 CACAAGCTCC TATAGCTTCC CTTCTTCCCC CATACTCTC ACCAGCGATG TCTTCAGTAT  
 GTGTTGAGG ATATCGAAGG GAAGAAGGG GTATGGAGAG TGGTCGCTAC AGAAGTCATA  
 GTGAAAATCC AATCTTCTA CCCTACAGGA TCCAACAGGC AATCGCAGCA GGCATCTTAC  
 CACTTTTAGG TTAAGAAGAT GGGATGTCTT AGGTTGTCCG TTAGCGTCGT CCGTAGAATG  
 CTTTATCACC CTTGTTCTC CAACAATCAT CAGCCCTATT ACAGCAGTTA CCTTTGGTGC  
 GAAATAGTGG GAACAAGGAG GTTGTTAGTA GTCGGGATAA TGTCGTCAAT GGAAACCACG  
 ATTTATTGGC ACAAACATC AGGGCACAAC AACTACAACA ACTCGTGCTA GCAAACCTTG  
 TAAATAACCG TGTTTTGTAG TCCCGTCTTG TTGATGTTGT TGAGCACGAT CGTTTGGAAC  
 CTGCCTACTC TCAGCAACAG CAGTTACCTT TGGTGCATTT GTTGGCACAA AACATCAGGG  
 GACGGATGAG AGTCGTTGTC GTCAATGGAA ACCACGTAAA CAACCGTGTT TTGTAGTCCC  
 CACAACAAC TACAACAAC GTGCTAGCAA ACCTTGCTGC CTACTCTCAG CAACAACAGT  
 GTGTTGTTGA TGTGTTGAG CACGATCGTT TGGAACGACG GATGAGAGTC GTTGTGTTCA  
 TTCTGCCATT CAACCAACTA GCTGCATTGA ACTCTGCTGC TTATTTGCAG CAACAACAAC  
 AAGACGGTAA GTTGGTTGAT CGACGTAAC TGAACGACG AATAAACGTC GTTGTGTTG

TACTACCATT	CAGCCAGCTA	GCTGCTGCCT	ACCCCCGGCA	ATTTCTTCCA	TTCAACCAAC
ATGATGGTAA	GTCGGTCGAT	CGACGACGGA	TGGGGGCCGT	TAAAGAAGGT	AAGTTGGTTG
TGGCAGCATT	GAAGTCTCAT	GCTTATGTAC	AACAACAACA	ACTACTACCA	TTCAGCCAGC
ACCGTCGTAA	CTTGAGAGTA	CGAATACATG	TTGTTGTTGT	TGATGATGGT	AAGTCGGTCG
TAGCTGCTGT	GAGCCCTGCT	GCCTTCTTGA	CACAGCAACA	TTTGTGCCG	TTCTACCTGC
ATCGACGACA	CTCGGGACGA	CGGAAGAAGT	GTGTCGTTGT	AAACAACGGC	AAGATGGACG
ACACTGCGCC	TAACGTTGGC	ACCTCTTAC	AACTGCAACA	ATTGCTGCCA	TTGACCAAC
TGTGACGCGG	ATTGCAACCG	TGGGAGAATG	TTGACGTTGT	TAACGACGGT	AAGCTGGTTG
TTGCTTTGAC	AAACCCAGCA	GTGTTCTACC	AACAACCCAT	CATTGGTGGT	GCCCTCTTTT
AACGAACTG	TTTGGGTCGT	CACAAGATGG	TTGTTGGGTA	GTAACCACCA	CGGGAGAAAA
AGATTGCTTA	TGAGTTATAG	TTCAATAATA	AAGTTTTTTT	TGCTGATATT	TGTGGCTTCC
TCTAACGAAT	ACTCAATATC	AAGTTATTAT	TTCAAAAAAA	ACGACTATAA	ACACCGAAGG
CAGAAATAAG	AAAGTACATT	TCTAGATTCT	TATGTGCTTC	TAGT	
GTCTTTATTC	TTTCATGTAA	AGATCTAAGA	ATACACGAAG	ATCA	

- A. PRIMER 1  
5' CCCGGGTAGATAATATATCGCAC 3'
- PRIMER 2  
5' CCCGGGCTGCCATTATTGGTACAATATTGTGCTTTCTATG 3'
- B. PRIMER 1  
5' CCCGGGCAAACCTTGCATGCCTACTCTCAGC 3'
- PRIMER 2  
5' CCCGGGTAGTAGTTGTTGTTGCATGCAAATAAGCAGC 3'
- C. PRIMER 1  
5' CCCGGGTCTAGATTGCTTATGAGTTATAGTTCAATA  
ATAAAGTTTTTTTTGCTGATATTTGTGGCTTCCCAG 3'
- PRIMER 2  
5' CCCGGGTCTAGAAATGTACTTTCTTA  
TTTCTGGGAAGCCACAAATATCAGC 3'

Figure 4

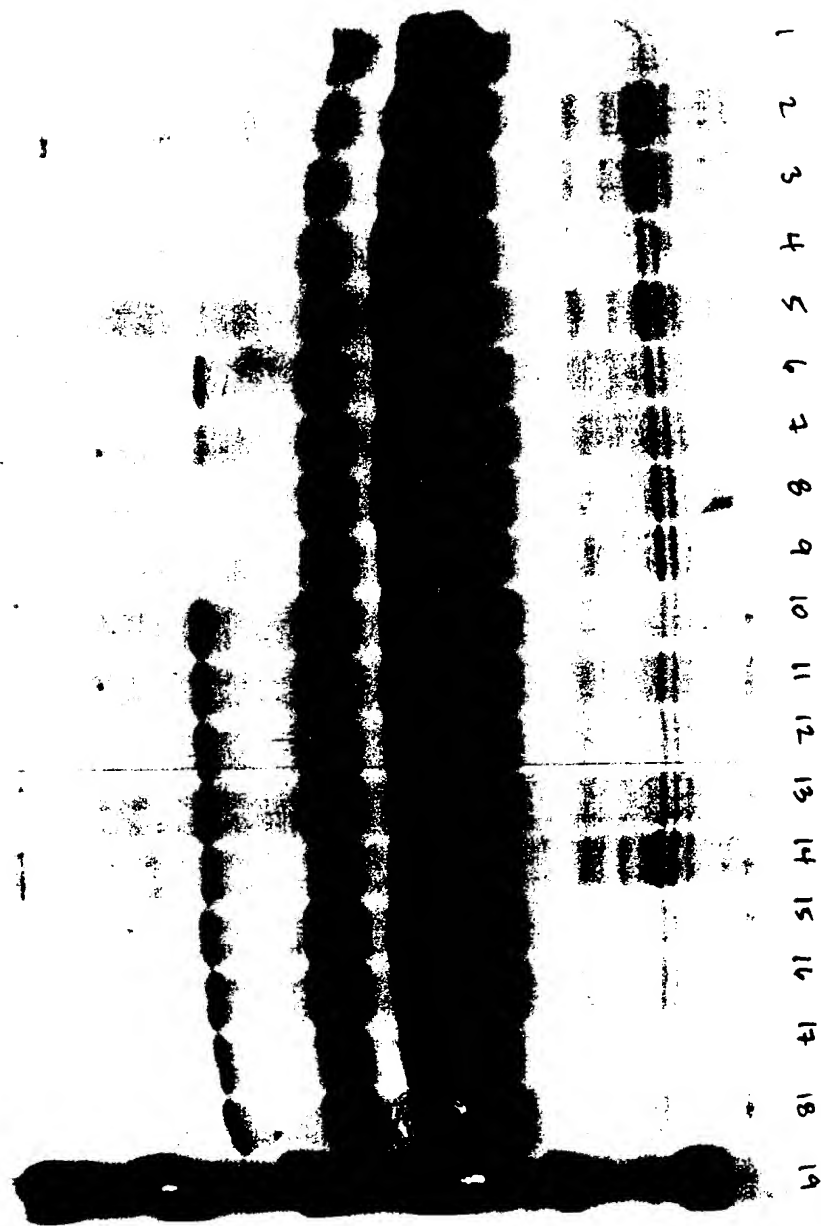


Figure 5

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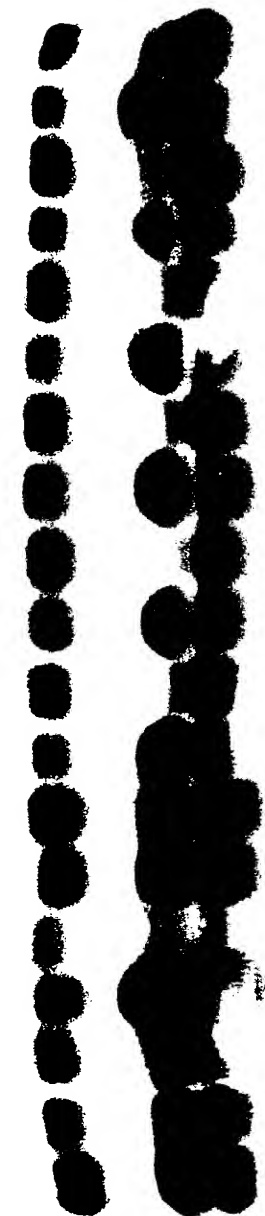


Figure 6

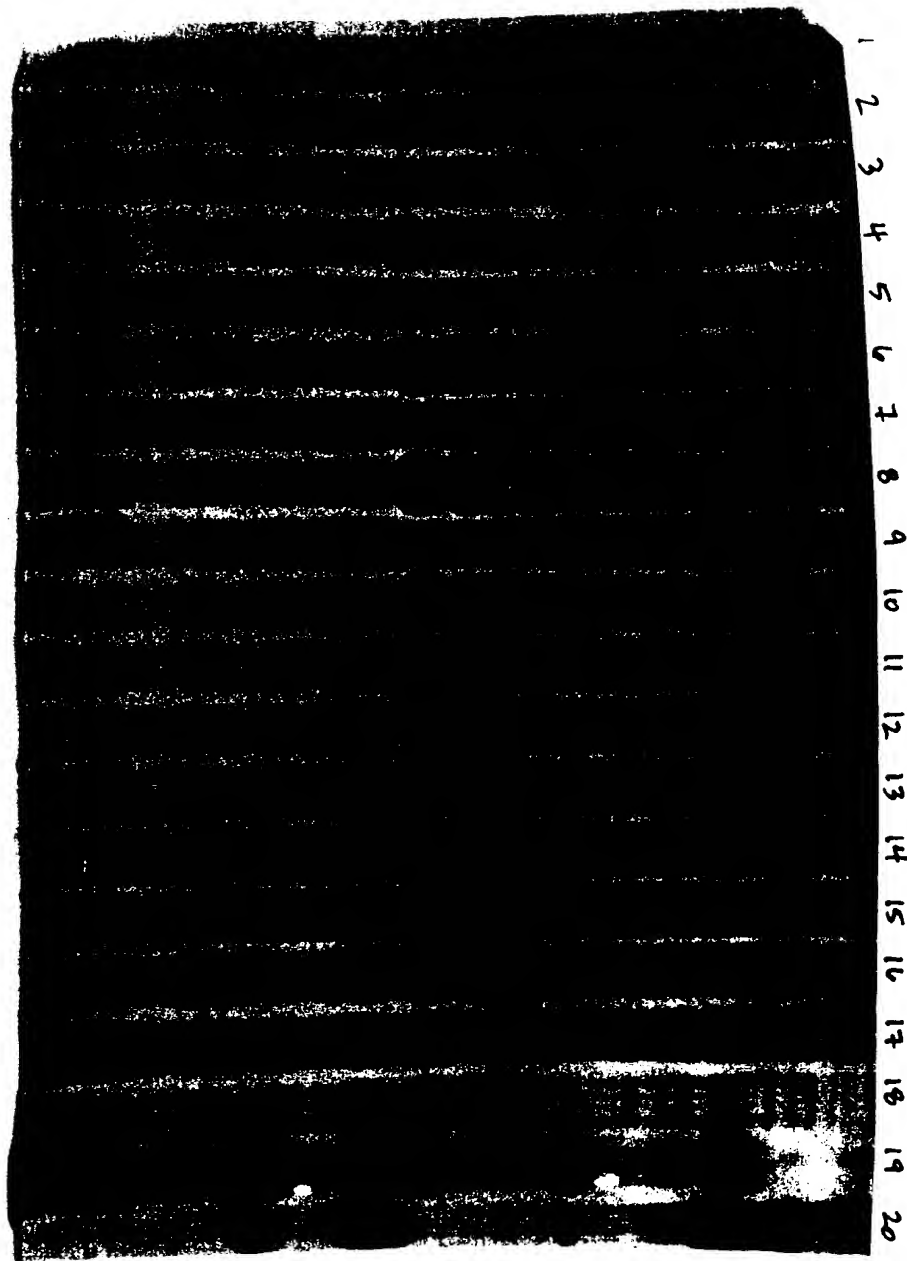


Figure 7



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



Figure 8

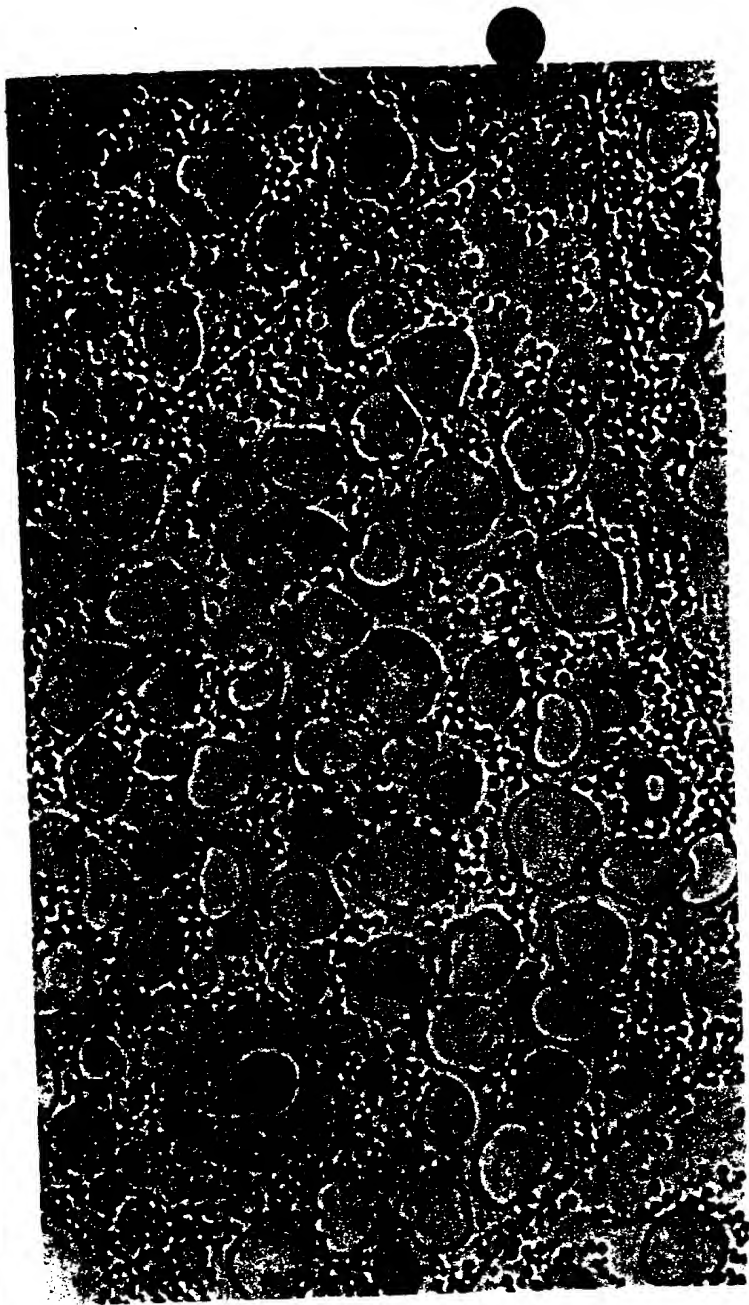


Figure 9

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Figure 10